



Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	ATTY DOCKET NO. 2691-000031/US	APPLICATION NO. NEW APPLICATION
	APPLICANT(S) Minoru SONOMURA et al.	CONF. NO. Unknown
	FILING DATE January 30, 2006	GROUP Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
W	US 5,134,865	08/04/1992	SHIMA et al.			
W	US 6,079,233	06/27/2000	SHIMA			
W	US 4,741,181	05/03/1988	PLATH			
W	US 6,568,222 B1	05/27/2003	MORITA			
W	US 2005/0183466 A1	08/25/2005	MORITA et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
W	JP 10-25647 (A)	01/27/1998	JAPAN			ABST.	
W	JP 3333304 B2 (JP 7-258946 (A))	10/15/2002 (first laid open on 10/09/1995)	JAPAN			X	
W	EP 0 672 769 A1	09/20/1995	EUROPE				
W	JP 11-107143 (A)	04/20/1999	JAPAN			ABST.	
W	JP 5-83657 B2 (JP 3-206161 (A))	11/29/1993 (first laid open on 09/09/1991)	JAPAN			X & ABST.	
W	JP 3140990 B2 (JP 11-61604 (A))	03/05/2001 (first laid open on 03/05/1999)	JAPAN			X & ABST.	
W	JP 7-96740 B2 (JP 5-59642 (A))	10/18/1995 (first laid open on 03/09/1993)	JAPAN			ABST.	

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

W	International PCT Search Report, International Preliminary Examination Report and Written Opinion

EXAMINER

DATE CONSIDERED

8/9/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communications to applicant.

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
W	JP 64-6293 B2 (JP 62-69852 (A))	02/02/1989 (first laid open on 03/31/1987)	JAPAN			X
W	JP 9-31806 (A)	02/04/1997	JAPAN			ABST.
W	JP 2001-32151 (A)	02/06/2001	JAPAN			ABST.
W	WO 01/36730 A1	05/25/2001	WIPO			X
W	WO 03/102285 A1	12/11/2003	WIPO			X
W	JP 7-258946 (A)	10/09/1995	JAPAN			X
W	JP 5-59642 (A)	03/09/1993	JAPAN			ABST.
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